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ICS 33.180.01
CCS M33

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 2759.4-2023

Single-fiber bidirectional optical transceiver module - Part 4: 100Gb/s

单纤双向光收发合一模块 第4部分：100Gb/s

(English Translation)

Issued on: July 28, 2023 **Implemented on: November 1, 2023**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 2759.4-2023 was issued by Ministry of Industry and Information Technology on 28 July 2023 and has been in force since 1 November 2023.

It is one of 5 parts of the YD/T 2759 series.

The YD/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

2 Scope Preview

This standard specifies the technical requirements, test methods, reliability tests, electromagnetic compatibility tests, inspection rules, marking, packaging, transportation and storage requirements for 100Gb/s single-fiber bidirectional optical transceiver modules. This standard applies to the research and development, production and testing of 100G BiDi optical modules.

YD/T 2759.4-2023 falls under ICS 33.180.01, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

In this catalogue, YD/T standards carry edition years from 1982 to 2026.

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3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Other parts of this standard:

YD/T 2759-2014 - 10Gbit/s single fiber bidirectional optical transceiver module

YD/T 2759.2-2020 - Single fiber bidirectional optical transceiver module - Part 2: 25Gb/s

YD/T 2759.3-2021 - Single fiber first optical transceiver module 3 parts: 50Gb/s

YD/T 2759.5-2025 - Single fiber Bi-Directional (BiDi) optical transceiver module - Part 5: 50Gb/s wavelength self-tuning

Standards on related subjects:

YD/T 2554.1-2013 - Plastic optical fiber connector - Part 1: Type LC

GB/T 9771.1-2008 - Single-mode optical fibres for telecommunication -- Part 1: Characteristics of a dispersion unshifted single-mode optical fibre

GB/T 18480-2001 - Specification for submarine optical fiber cables

5 Classification and status

International classification (ICS): 33.180.01

Chinese Standard Classification (CCS): M 33

Prefix YD/T: recommended standard.

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